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24126 7590 06/28/2006

**ST. ONGE STEWARD JOHNSTON & REENS, LLC**  
**986 BEDFORD STREET**  
**STAMFORD, CT 06905-5619**

09/26/2006 AOSHAN2 00000022 09873041

01 FC:1501 1400.00 OP  
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**Daniella Crimi** (Depositor's name)  
*Daniella Crimi* (Signature)  
**September 26, 2006** (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/873,041	06/01/2001	Michael Heuken	03345-P0017A	5097

**TITLE OF INVENTION: METHOD AND SYSTEM FOR SEMICONDUCTOR CRYSTAL PRODUCTION WITH TEMPERATURE MANAGEMENT**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/28/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
SONG, MATTHEW J	1722	117-086000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

**St. Onge Steward Johnston & Reens LLC**

2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**AIXTRON AG**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Germany**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Wesley W. Whitmyer, Jr.*  
 Typed or printed name **Wesley W. Whitmyer, Jr.**

Date **September 26, 2006**

Registration No. **33,558**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## St. Onge Steward Johnston &amp; Reens LLC

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September 26, 2006

SSJR File: 03345-P0017A

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Deliver To: ISSUE FEE  
Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313-1450

Fax No: 571 273-2885

From: Daniella Crimi for  
Wesley W. Whitmyer, Jr.

Re: Serial No. 09/873,041  
Method And System For Semiconductor Crystal Production With  
Temperature Management

Dear Sir or Madam:

Attached is the Issue Fee Transmittal, Part B – Fee(s) Transmittal, and Form PTO-2038  
(credit card payment).

Sincerely,

Wesley W. Whitmyer, Jr.  
wwhitmyer@ssjr.com

WWW:dc  
Enclosures